

## ABSTRACT

Methods and devices for molding a desired configuration into an endovascular graft section that is made of a plurality of layers of fusible material. Layers of fusible material are disposed on a shape forming mandrel with seams in the layers that may be configured to produce inflatable channels. The graft section and shape forming mandrel can be placed in a mold which constrains an outer layer or layers of fusible material while the inflatable channels are being expanded and the fusible material of the graft section fixed. In some embodiments, the fusible material of the graft section may be fixed by a sintering process.

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